

Work Order ID 149622

Monday, July 25, 2016 2:38:58 PM

149622

Page 1

Item ID: D2739 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: 350 I Beam
Start Date: 7/22/2016 Start Qty: 5.00 ***5*** Cust Item ID:
Required Date: 7/27/2016 Req'd Qty: 5.00 ***5*** Customer:
Reference:

Approvals: Process Plan: DAS 21 Date: AUG 03 2016 Tooling: _____ Date: _____ Run Start ***NR1***
QC: 9-89 Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D2739	Rev E								

100 Skidtubes 0.00 ***100*** 5 $\emptyset$
Skidtubes Memo 0.17
Skidtubes 1-Cut D2600-5 to length as per Dwg D2739. **> 16-9-20** **DAS 19 9-89**
2-Drill pilot holes in web using drilling Jig DT8162 as per Dwg D2739.
3-Use uni-bit to open holes to finish size as per Dwg D2739.
4-Bevel Fwd end of extrusion and Deburr holes and ends.
5-Deburr

120 Chemical Conversion Coat per QSI005 4.1 0.00 ***120*** (x5) $\emptyset$ 2016/09/21
HandFinish Memo 0.10 BEB
Hand Finishing

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
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Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp	
130	QC5- Inspect part completeness to step on W/O	0.00								DAS 18 9-89
130						5	0	16-09-26		
QC	Memo	0.02								
Quality Control										
140	Identify as per dwg & Stock Location <u>LG</u>	0.00								
140						5	0	BE 16-09-26		
Packaging	Memo	0.01								
Packaging	LOCATION : LG002									
150	QC21- Final Inspection - Work Order Release	0.00								DAS 21 9-89
150								SEP 2 6 2016		
QC	Memo	0.08								
Quality Control										DAS 21 9-89
								SEP 2 6 2016		

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Picklist Print

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Parent Item: D2739

D2739

Parent Item Name: 350 I Beam

Start Date: 7/22/2016

Required Date: 7/27/2016

Start Qty: 5.00

Required Qty: 5.00

Comments:

IPP Rev: C02.11.28ReformatKJ

IPP Rev: D 06-03-21 As Per Rev C JLM

IPP Rev: E 07-07-28 As per Rev D JLM Verified By: IPP Rev:F

10.11.02 as per revE DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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D2600-5-108

Manufactured

No

Each

16.0000

5

D2600-5-108

Extrusion 'I Beam' thin

16-9-19

Location

HALL

112593

Loc Qty

16

16

Loc Code

5

DQA: _____ Date: _____

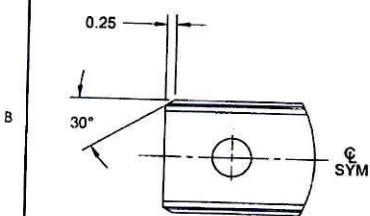
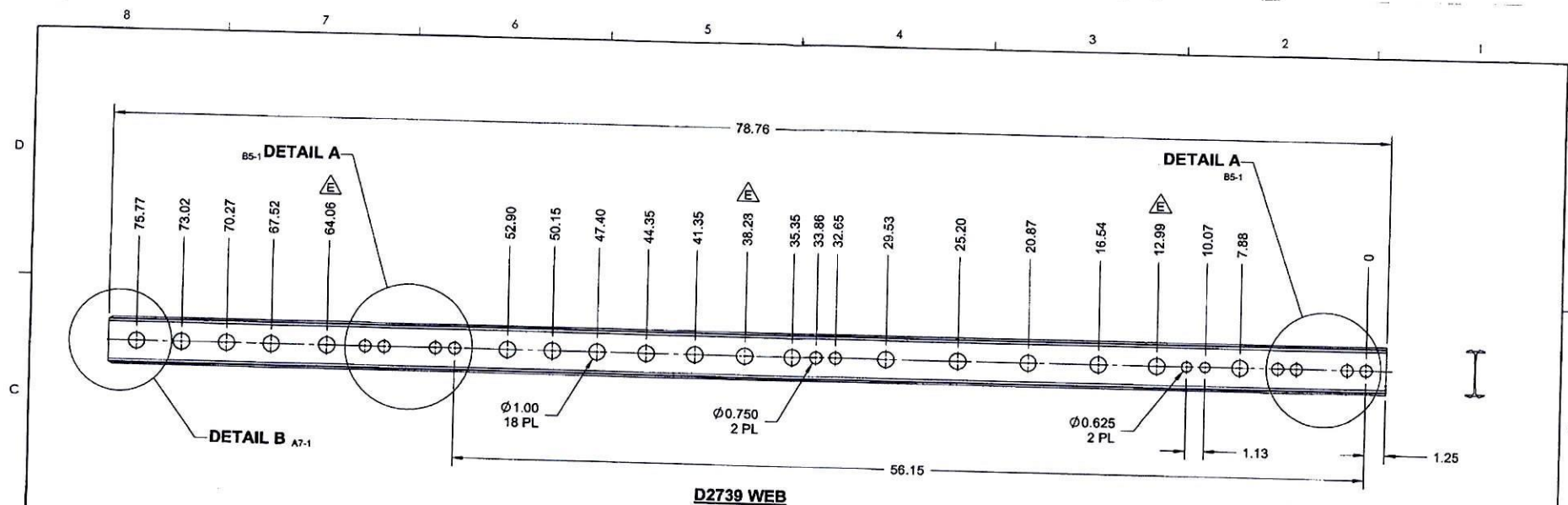
WORK ORDER NON-CONFORMANCE / UPDATE



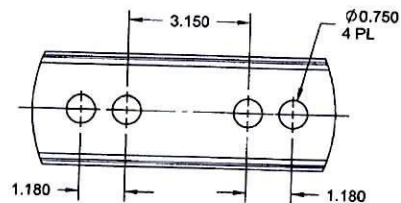
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DETAIL B C7-1
SCALE 3X



DETAIL A D7-1, D2-1
SCALE 3X

RELEASED
R 2010-11-01

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 149622 M.S
16-08-03

E	ADD/REMOVE HOLES FOR D4154 WEARPLATE: 38.28 WAS 38.35 (DS-1), 64.06 WAS 64.77 (D7-1), ADD HOLE (D3-1)	CP	10.10.08
D	ADD BEVEL TO FWD END, ADD DETAIL B	CB	07.05.29
C	ADD/REMOVE HOLES FOR COMPATIBILITY WITH APICAL FLOATS	PH	06.01.05
B	CHANGE HOLES FOR COMPATIBILITY WITH AIRCRAUISER FLOATS	CP	98.11.18
A	NEW ISSUE	DS	98.04.16
REV.	DESCRIPTION	BY	DATE
DESIGN	DS	DART AEROSPACE USA, INC. PORT HADLOCK, WA	
DRAWN	JP		
CHECKED	JP	DRAWING NO.	REV. E
MFG. APPR.	JP	D2739	SHEET 1 OF 1
APPROVED	JP	TITLE	SCALE
DE APPR.	JP	WEB	NTS
DATE	10.10.08	COPYRIGHT © 1998 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL, AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	

- NOTES:
- 1) MATERIAL: MAKE FROM D2600-5 EXTRUSION
 - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: DART P/N "D2739" AND B/N PER DART QSI 044 6.1
 - 7) WEIGHT: 3.41 lbs